AMENDMENTS TO THE SPECIFICATION:

Please amend the abstract as follows.

The present invention ~~includes a novel class of synthetic adenosine derivatives having clinically relevant and useful properties. These adenosine cyclic ketal compounds~~ relates to novel compounds that are novel adenosine receptor analogues. Specifically, the compounds of the present invention preferably function as both adenosine receptor agonists and ganglionic blocking agents. To achieve this functionality, the compounds of the present invention, preferably contain a ganglionic blocking motif, is inserted into the adenosine molecule. The ganglionic blocking motif preferably includes an elongated carbon chain that, in a particularly preferred embodiment, contains two terminal amino groups. The ganglionic blocking motif preferably includes a carbon along the elongated carbon chain that is integral to a cyclic ketal that is part of the adenosine molecule. In presently-preferred embodiments, the elongated carbon chain ranges from two to sixteen carbons in length. The compounds of the present invention will be useful for treatment of a variety of conditions including, but not limited to, hypertension, vasodilation, and ischemia.